

WEEKLY CROP-WEATHER

Released: June 16, 2003  
Issue No. CW-24-03

MN and U.S. Depts. of Agriculture  
PO Box 7068, St. Paul, MN 55107  
Phone: (651) 296-2230  
E-mail: [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov)  
Homepage: <http://www.nass.usda.gov/mn/>

MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

CORN AND SOYBEAN SPRAYING UNDERWAY

A few scattered showers and a warm dry weekend were welcomed by most farmers, according to the Minnesota Agricultural Statistics Service. Some scattered showers throughout the week, in parts of the state, did not keep farmers from continuing with field activities. Farmers are reporting that crops are progressing well, and that corn and soybean spraying have been taking place. The statewide average temperature was 63.2 degrees, which is 1.5 degree below normal. Statewide topsoil moisture conditions as of June 13th were rated 3% short, 85% adequate, and 12% surplus.

Corn height is 10 inches, compared with 9 inches last year and 12 inches for the five year average. Soybeans are 4 inches, compared with 3 inches for last year and for the 5-year average.

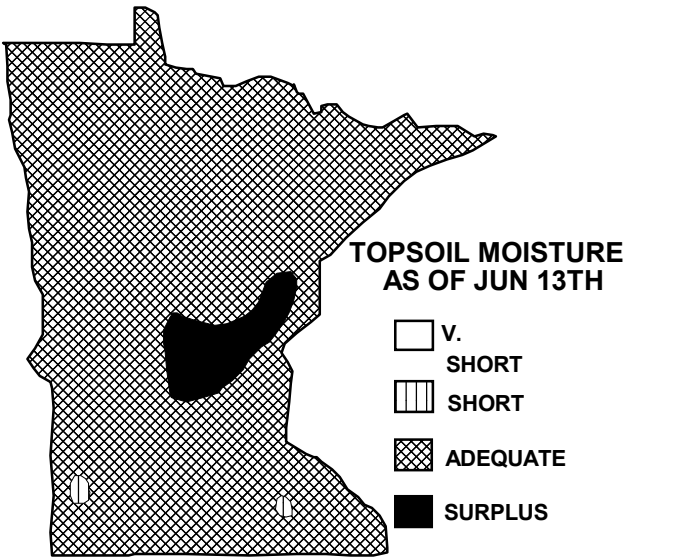
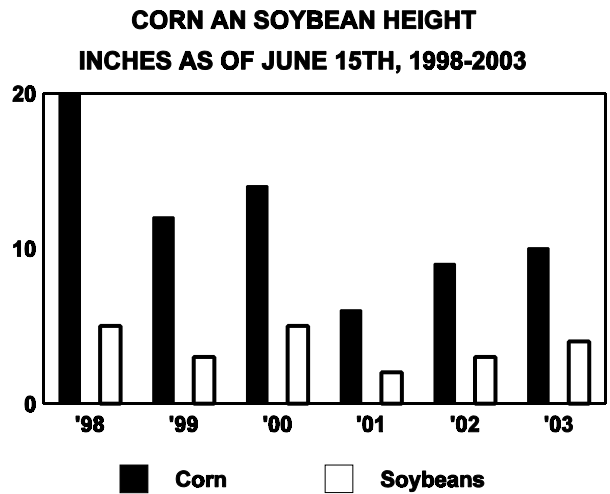
Corn and soybean conditions are 75% or better, good to excellent. That's approximately 15 percentage points above last year. Small grains range from 78% to 85% good to excellent, which was 42% to 57% good to excellent last year.

Spring wheat is 60% jointed compared with the 5-year average of 45%. An estimated 66% of barley is jointed versus 46% for the 5-year average. An estimated 70% of oat acreage is jointed, compared with 60% for the 5-year average.

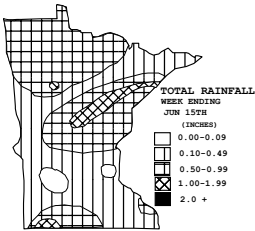
Sweet corn is 84% planted compared to 89% for the five year average.

The first cutting of alfalfa is 69% complete, compared with 45% last year and 69% for the five year average.

Days Suitable for Fieldwork: 3.9					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		0	3	85	12
Crop Progress as of June 15, 2003					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
			Percent		
Corn	Emerged	99	97	99	99
	Height-Inches	10	7	9	12
Soybeans	Emerged	94	76	93	91
	Height-Inches	4	2	3	3
Spring Wheat	Jointed	60	26	23	45
	Heading	2	0	0	7
Oats	Jointed	70	30	47	60
	Heading	8	0	4	12
Barley	Jointed	66	29	32	46
	Heading	5	0	2	6
Dry Beans	Planted	99	96	99	96
Sunflowers	Planted	99	99	98	95
Potatoes	Planted	99	97	99	97
Sweet Corn	Planted	84	75	84	89
Green Peas	Planted	99	98	99	98
Alfalfa Hay	First Cutting	69	47	45	69
Crop Condition as of June 13 in %					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	1	2	20	63	14
Spring Wheat	0	1	16	59	24
Barley	0	1	14	65	20
Oats	0	2	20	64	14
Soybeans	1	2	22	63	12
Corn	1	3	20	66	10



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JUNE 15, 2003:  
Temperatures averaged from 2.4 degrees below normal in the Northeast and Central Districts to 0.0 degrees in the Northwest District. Extremes: 36° in Hibbing, Intl. Falls, Willmar; 88° in Moorhead, Fergus Falls, Redwood Falls. Precipitation averaged from 0.66 inch below normal in the West Central District to 0.25 inch below normal in the North Central District. Greatest weekly total was 1.66 inches.



Precipitation and Temperature Summary for 6/9/2003 through 6/15/2003

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 1	Depart from Norm
<u>NW DIST 1</u>										
Crookston	80	47	63.7	-1.0	.96	.13	-.73	.27	475	-47
Moorhead	88	49	67.4	2.0	.08	-.76	-2.27	.52	503	-43
Warroad	77	48	61.2	-1.1	.75	-.13	.32	-.45	429	1
<u>NC DIST 2</u>										
Grand Rapids	86	42	62.8	.6	.35	-.72	-.96	-1.53	494	49
Intl. Falls	82	36	59.5	-1.4	.63	-.32	-.39	-1.66	474	57
Itasca	81	43	60.4	-.7	1.30	.28	-.16	-.04	435	30
<u>NE DIST 3</u>										
Duluth	77	38	56.7	-2.4	.51	-.49	.24	-.17	336	-19
Grand Marais	75	37	50.2	-2.2	.15	-.65	-.79	.32	183	-23
Hibbing	82	36	57.8	-2.6	.47	-.52	-1.32	-2.23	431	37
<u>WC DIST 4</u>										
Alexandria	84	44	63.6	-.8	.57	-.49	-1.93	-.15	423	-88
Browns Valley	84	45	67.0	.7	.30	-.46	-1.11	-.19	474	-101
Canby	86	47	65.6	-2.2	.11	-.87	-.99	.79	499	-108
Fergus Falls	88	50	64.3	-.4	.46	-.43	-.78	1.28	486	-37
Montevideo	84	48	64.8	-1.7	.05	-.97	-2.04	.40	477	-83
Morris	83	47	65.2	-1.1	.19	-.74	-.08	1.29	494	-75
<u>CENT DIST 5</u>										
Becker	82	46	62.8	-1.7	.46	-.61	-.75	1.77	471	-47
Hutchinson	79	48	63.9	-3.3	.47	-.60	-1.78	-1.49	489	-108
Olivia	84	47	64.6	-2.6	.09	-.99	-1.17	-1.05	501	-95
St. Cloud	84	43	62.6	-1.8	.66	-.44	-1.51	2.08	469	-45
Staples	80	43	61.8	-.8	1.19	.18	-.84	1.73	426	-45
Willmar	82	36	62.7	-4.0	.94	-.32	-.12	1.66	465	-111
<u>EC DIST 6</u>										
Aitkin	80	40	58.9	-2.7	1.66	.66	-.25	1.53	450	22
MSP Airport	84	52	66.7	-1.0	.01	-1.02	-1.11	1.13	510	-102
St. Paul - UofM	85	50	66.0	-2.7	.06	-1.13	-1.54	1.25	535	-115
<u>SW DIST 7</u>										
Lamberton	87	49	65.2	-3.0	.34	-.57	-1.31	-1.66	478	-138
Pipestone	82	44	64.4	-2.0	.42	-.52	-1.59	3.79	437	-129
Redwood Falls	88	49	67.4	-1.6	.08	-.89	-.50	-.48	515	-139
Worthington	84	47	64.9	-1.5	1.44	.33	-.20	.68	450	-104
<u>SC DIST 8</u>										
Faribault	82	50	65.8	-1.1	.30	-.68	-.92	.98	509	-63
Waseca	82	47	65.1	-2.2	.48	-.50	-1.37	-1.77	479	-113
Winnebago	84	51	66.1	-1.6	.53	-.56	-1.88	-.76	499	-105
<u>SE DIST 9</u>										
Preston	84	46	64.5	-1.3	.31	-.76	-1.93	-1.46	468	-60
Red Wing	82	52	64.9	-2.0	.38	-.55	-2.02	.04	482	-102
Rochester	82	48	65.3	-.2	.38	-.54	-.86	1.21	447	-84
Rosemount	81	52	64.4	-2.0	.43	-.65	-2.65	1.58	493	-63
Winona	84	53	65.2	-3.6	.84	-.06	-.59	.39	484	-162

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the Minnesota Agricultural Statistics Service, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. Postmaster: Send address changes to the MINNESOTA CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

PERIODICALS  
POSTAGE PAID

MINNESOTA AGRICULTURAL STATISTICS SERVICE  
PO Box 7068, ST. PAUL MN 55107  
WEEKLY NEWS REPORT  
Minnesota Crop-Weather Report  
Publication No. 387190  
Address Service Requested